UNITED STATES PATENT OFFICE.

RUDOLF SCHMITT, OF DRESDEN, ASSIGNOR TO DR. F. VON HEYDEN NACHFOLGER, OF RADEBEUL, SAXONY, GERMANY.

PROCESS OF MAKING BETA-NAPHTHOL CARBON ACID.

SPECIFICATION forming part of Letters Patent No. 410,295, dated September 3, 1889.

Application filed June 22, 1889. Serial No. 315,232. (No specimens.)

To all whom it may concern:

Be it known that I, RUDOLF SCHMITT, of Dresden, in the Kingdom of Saxony, German Empire, have invented a new and Improved Process of Manufacturing Beta-Naphthol Carbon Acid, of which the following is a specification.

The invention consists in a process for the manufacture of beta-naphthol carbon acid of the melting-point of 216° Celsius by means of the reaction of carbonic acid upon the alkaline salts of the beta-naphthol under pressure and at a temperature of 200° to 250° Celsius. The beta-naphthol carbon acid, the production of which has been specified in United States Patent No. 350,468, granted to myself and Carl Kolbe jointly, on the 5th day of January, 1886, is produced, if carbonic acid is allowed to react on the alkaline salts of the beta-naphthol under pressure and at a temperature of 120° to 145° Celsius. The very inconstant acid thus obtained again decomposes very easily into carbonic acid and beta-naphthol and melts at 157° Celsius.

I have now found that if in the above operation the temperature is raised to 200° to 250° Celsius a second very constant naphthol carbon acid is produced, being of a yellowish color, the melting-point of which acid is 216° Celsius. This yellow beta-naphthol carbon acid may also be obtained by producing the alkaline salts of the acid beta-naphthol carbonic esters and by heating these latter in a digester in an atmosphere of carbonic acid up to 200° to 250° Celsius.

What I claim as my invention is—

The process of manufacturing a beta-naphthol carbon acid of a melting-point of 216° Celsius, consisting in producing the reaction of carbonic acid upon the alkaline salts of the beta-naphthol under pressure and at a temperature of 200° to 250° Celsius, substantially as herein set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

RUDOLF SCHMITT.

Witnesses:

WILHELM WIESENHÜTTER,

GEORG RICHTER.